

## Solution Brief

# Drive Excellence in Patient Care with INFINITT Healthcare Platform on NetApp Scale-Out Storage

### Key Benefits

#### Support Exponential Data Growth

Healthcare organizations can seamlessly scale storage to meet the escalating demands of enterprise data management using the NetApp® centralized storage infrastructure to support INFINITT Healthcare Platform vendor-neutral archiving.

#### Achieve Operational Efficiency

The NetApp Unified Storage Architecture provides clinicians with fast data access to review and share medical records. IT can achieve cost savings and productivity gains through improved performance, management simplicity, and high availability.

#### Streamline Management

INFINITT provides the clinical tools, automation, and workflow improvements to improve patient encounters and clinical outcomes while NetApp storage reduces the complexity of data management. NetApp transparently migrates data and network connections and distributes images and data across the enterprise, reducing the burden on the hospital or health system CIO.

### The Challenge

As healthcare continues to deal with disruptive forces and rapid technology development, INFINITT provides innovative solutions to streamline clinicians' workflow. These sophisticated new technologies, however, require a reliable, high-performance storage infrastructure. INFINITT software solutions offer the following:

- **Interoperability.** A single-database platform for RIS/PACS, cardiology PACS, mammography PACS, specialized 3D advanced visualization, and analytical tools eliminates interface issues and reduces costs and IT support requirements.
- **Compliance and security.** INFINITT Smart-NET Disaster Recovery meets HIPAA Omnibus, SSAE16, and HITECH guidelines.
- **Investment protection.** The open platform integrates with major electronic medical records and patient record systems.
- **Cloud capabilities.** A state-of-the-art data center uses virtualization to deliver the ultimate in flexibility, scalability, and system uptime for hosted PACS, disaster recovery, and archiving.

To accommodate the exponential growth in data across hospital infrastructures, storage solutions that scale in both capacity and bandwidth are required for clinical data availability to deliver quality patient care.

### The Solution

INFINITT Healthcare has validated integration with a NetApp FAS series storage system running the NetApp clustered Data ONTAP® operating system. This system is used with INFINITT PACS, INFINITT Cardiology Suite, and the INFINITT Smart-NET cloud offering on NetApp. Healthcare organizations can buy and implement these technologies with confidence, knowing that they deliver a centralized, high-performance storage solution to capture, access, and archive medical records while achieving cost and operational efficiencies.

- **100% supported and validated solutions.** INFINITT development labs provide ongoing testing, certification, benchmarking, and proofs of concept across all applications.
- **Global support.** Working together, NetApp and INFINITT provide transparent global support through customer-defined SLAs.
- **Open architecture storage solution.** NetApp storage can function as a key component of INFINITT Healthcare solutions to efficiently capture, distribute, display, and store medical data.

## INFINITT Healthcare Platform

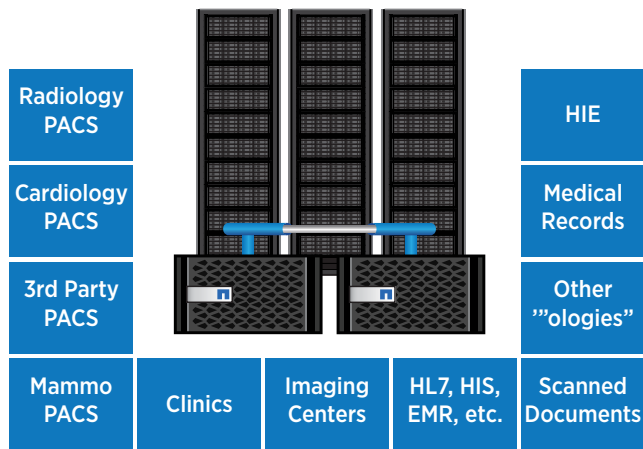


Figure 1) INFINITT Healthcare Platform validated with NetApp storage systems delivers operational efficiencies and productivity improvements.

### Share Data and Images More Efficiently

The NetApp FAS series helps healthcare organizations achieve maximum performance and scale without wasting resources or affecting availability. Combining reliable, high-performance hardware with the industry-leading NetApp Data ONTAP operating system helps providers seamlessly scale the storage infrastructure to keep pace with increasing patient data requirements.

- **Consolidate images and information for immediate use.** Industry-leading NetApp Data ONTAP delivers extreme flexibility with the most robust efficiency toolset built into a single solution, eliminating the need to purchase and integrate disparate components.
- **Protect multisite data with cost-effective archiving.** The simplicity and scalability of NetApp FAS systems enable them to efficiently store PACS images and patient records without sacrificing accessibility or availability and still meet compliance requirements for data retention.
- **Enhance data protection.** The system design increases storage resiliency by protecting against single-path failure. It delivers consistent performance in the event of controller failover.
- **Be flash ready to boost performance.** Up to 2TB of on-board NetApp Flash Cache™ or Flash Pool™ intelligent caching provide an instant response to workload spikes in access requests for patient files.
- **Reduce change control windows.** Clustered Data ONTAP delivers nondisruptive operations, delivering five-9s uptime that minimizes both planned and unplanned downtime.

- **Get improved speed and scalability.** New NetApp FAS systems deliver up to 80% more processing power and 100% more capacity.

### NetApp Differentiation

Integrating NetApp with INFINITT is key to successful hospital implementations, making NetApp an ideal storage choice for clinical solutions running on INFINITT. NetApp FAS series storage works in concert with INFINITT solutions to provide affordable data sharing, disaster recovery, and archiving that is easy to deploy and manage. Consolidating on NetApp storage in a single managed infrastructure helps healthcare organizations deliver comprehensive health information at the point of care in hospitals and physician practices.

- Handles large amounts of imaging and other patient data
- Highly scalable, with no downtime or disruptions
- Maximizes existing investments with vendor-neutral and storage-agnostic solutions
- Compliant with DICOM, HL7, IHE, and XDS/XDS-I frameworks

### Summary

Working together, NetApp and INFINITT make it possible for healthcare providers to move into enterprise data management, sharing images and patient records securely across departments, health systems, and geographical boundaries. NetApp offers a cost-effective, easy-to-maintain data storage component that lowers TCO for optimal performance. Using joint solutions from NetApp and INFINITT, healthcare organizations are positioned to improve the delivery of patient care and increase clinical efficiency at healthcare facilities. By adding NetApp storage solutions, healthcare organizations will continue to see increased value across INFINITT installations.

### About INFINITT Healthcare

INFINITT Healthcare is a global provider of medical imaging and information systems with more than 3500 installations in 45 countries. INFINITT RIS/PACS is an Enterprise Image Management System that includes INFINITT Cardiology Suite, INFINITT Mammo PACS, Xelis™ 3D/Advanced Visualization and more on a single-database platform. Visit the INFINITT website to learn about advanced features and options.

[www.infinit.com](http://www.infinit.com)

### About NetApp

Leading organizations worldwide count on NetApp for software, systems and services to manage and store their data. Customers value our teamwork, expertise and passion for helping them succeed now and into the future.

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